

40000-0052

MAR 11 2008

10/811,036

IN THE SPECIFICATION:

Please amend the following paragraphs of the specification as indicated.

[0031] The gain of the amplifier (130) is set by the control signal received on the control line (106), which is also connected to the amplifier (130). For example, the amplifier (130) may be a voltage controlled amplifier, the gain of which is determined by a voltage applied to the amplifier (130). In this way, both power for the amplifier ~~(103)~~ (130) and control of the gain can be accomplished over control line (106).

[0032] For example, the amplifier ~~(103)~~ (130) may only need a +5 volt DC power signal to operate. However, the amplifier ~~(103)~~ (130) may be able to receive a higher voltage, for example, up to +18 volts. Consequently, a signal including +5 volts to operate the amplifier ~~(103)~~ (130) plus an additional voltage indicative of the gain at which the amplifier ~~(103)~~ (130) should operate can be supplied over control line (106) to both power the amplifier ~~(103)~~ (130) and control the gain of the amplifier ~~(103)~~ (130). For example, each increment of voltage, such as half a volt, over the voltage needed to power the amplifier, e.g., +5 volts, may indicate a corresponding increase in the gain of the amplifier (130). The voltage-controlled amplifier (130) is designed to accordingly adjust its gain based on the voltage applied over the control line (106).

[0046] Fig. 8 illustrates still another embodiment of an amplifier circuit according to the principles described herein. As shown in Fig. 8, the amplifier circuit ~~(100-1)~~ (100-5) includes an amplifier (130) for which the gain can be selectively controlled. The antenna (101) outputs a signal to the amplifier (130). The signal from the antenna (101) is amplified according to the gain of the amplifier (130) and output on the signal cable (105) to

40000-0052

10/811,036

the television or other receiving device inside the building.

[0047] The gain of the amplifier (130) is set by the control signal received on the control line (106), which is also connected to the amplifier (130). For example, the amplifier (130) may be a voltage controlled amplifier, the gain of which is determined by a voltage applied to the amplifier. In this way, both power for the amplifier (~~103~~) (130) and control of the gain can be provided over the control line (106), as described above.